Use Attainability Analysis

for

WBID 0028 Old Kings Lake Slough

Submitted by Missouri Department of Natural Resources Staff

To Missouri Department of Natural Resources Water Protection Program

RECEIVED

2005 JUN 29 PM 4: 07

Field Data Sheets for Recreational Use Stream Surveys

WATER PROTECTION PROGRAM

Data Sheet A - Water Body Identification

Water Body Name:
(from USGS 7.5' quad) OLD KINGS LAKE SLOUGH
8-digit HUC: 071/000リ
Missouri WBID#: 00 38
County: Lincoln
Upstream Legal Description:
Downstream Legal Description:
Upstream Coordinates: 6/0
(UGS 84, ddd.ddddd) 39, 22418 -90, 77924 Downstream Coordinates: (UGS 84, ddd.ddddd) 39, 17075 -90, 74976
Downstream Coordinates:
(UGS 84, ddd.ddddd) 39, 17075 - 90, 74 976
Discharger Facility Name(s):
Discharger Permit Number(s):
Number of Sites Evaluated: 3
Name of Surveyor and Telephone Number: Rm Duches 573/751-1300
Organization: DNR-WPP
Position: STTW Brologist
the undersigned, hereby affirm to the best of my knowledge, that all information reported on this UAA
atasheet is true and accurate.

Signed:	_Date: _	6128105
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Old Kings Lake Slough (C) #0028 Lincoln County





RoadsClassified WaterbodiesCounties





Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID #: ,	100-8600		Site Location De	scription:								
Site GPS Coordinate	S: 39.32418 -90.		1 05 2011	AF 2011 BB								
Date & Time: 6/3			Facility Name:	CR 204 BR								
Personnel: Personnel:	8/05 1030	hrs.	Permit Number:	·								
Current Weather Cor	oditions: O			one for Past 7 days:								
		natroom:	Weather Condition	ons for Past 7 days:	w/ Pu T. ShowERS							
Photo Ids: Upstream	"100-0041 Dow	iisueaiii. 10	00-0042 Other									
Uses Observed*:												
	☐ Skin diving	□ se	CUBA diving	☐ Tubing	☐ Water skiing							
☐ Wind surfing	☐ Kayaking	□в	oating	☐ Wading	☐ Rafting							
☐ Hunting	☐ Trapping	□ Fi	shing	None of the above	☐ Other:							
Describe: (include n	umber of individuals rec	reating, freq	uency of use, photo-	documentation of evidence	of recreational uses, etc.)							
		•			,							
Surrounding Condi	tions*: (Mark all that r	promote or i	mpede recreational u	uses. Attach photos of evider	nce or unusual							
9	tions*: (Mark all that p	oromote or i	mpede recreational u	ses. Attach photos of evider	nce or unusual							
9	· · · · · · · · · · · · · · · · · · ·		mpede recreational u	ises. Attach photos of evider	nce or unusual							
items of interest.)	s 🗆 Playgrounds		conservation lands	·	T 1							
items of interest.) □ City/county park	Playgrounds □ State parks		conservation lands	☐ Urban areas	☐ Campgrounds ☐ Stairs/walkway							
items of interest.) ☐ City/county park ☐ Boating accesses ☐ No trespass sign	S □ Playgrounds State parks □ Fence	☐ MDC o	conservation lands	☐ Urban areas ☐ Nature trails	☐ Campgrounds ☐ Stairs/walkway							
items of interest.) City/county park Boating accesses No trespass sign Evidence of Human	S ☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC o	conservation lands al forests clopes	☐ Urban areas ☐ Nature trails ☐ Other: Runal - Bo	☐ Campgrounds ☐ Stairs/walkway							
items of interest.) ☐ City/county park ☐ Boating accesses ☐ No trespass sign	S □ Playgrounds State parks □ Fence	☐ MDC o	conservation lands	☐ Urban areas ☐ Nature trails	☐ Campgrounds ☐ Stairs/walkway http://crople.vol							
items of interest.) City/county park Boating accesses No trespass sign Evidence of Human	S ☐ Playgrounds ☐ State parks ☐ Fence	☐ MDC o ☐ Nation ☐ Steep s	conservation lands al forests clopes	☐ Urban areas ☐ Nature trails ☐ Other: Runal - Bo	☐ Campgrounds ☐ Stairs/walkway							
items of interest.) City/county park Boating accesses No trespass sign Evidence of Human	Playgrounds State parks Fence Use*: Camping Sites	☐ MDC o ☐ Nation ☐ Steep s	conservation lands al forests clopes Dock/platform	☐ Urban areas ☐ Nature trails ☐ Other: Rual - Ba	☐ Campgrounds ☐ Stairs/walkway How/Cropland							

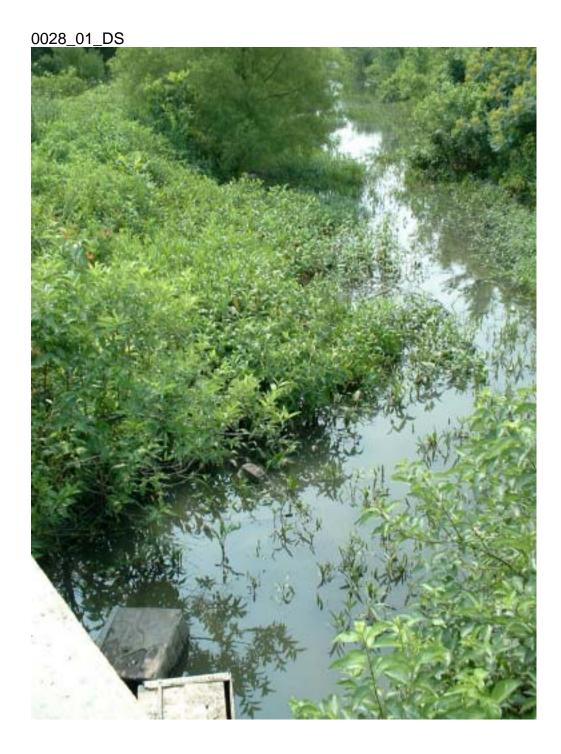
Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page Two – Data Sheet B for WBID # _OQA8-COL:

-	Upstream	·	sical Di			Assa Dandha	/A\.	M D4 (A)	
	☐ Riffle	Width (ft):	· · · · · · · · · · · · · · · · · · ·	Length (ft):		Avg. Depth		Max. Depth (ft)	
	□ Run	Width (ft):		Length (ft):		Avg. Depth	***	Max. Depth (ft)	
	₽ Pool	Width (ft):	<u>ao′</u>	Length (ft):	3005 44	Avg. Depth	1.0	Max. Depth (ft)	^{):} a′
	☑ Flow	Present?	☐ Yes	☑ No		Estimated (f	t³/sec):		
	Downstrea	am View I	Physical	Dimensions:					
	☐ Riffle	Width (ft):		Length (ft):		Avg. Depth	(ft):	Max. Depth (ft):
	□ Run	Width (ft):		Length (ft):		Avg. Depth	(ft):	Max. Depth (ft):
	⊡ Pool	Width (ft):	නර	Length (ft):	3∞0′+	Avg. Depth	(ft):	Max. Depth (ft): 2.0′
	☑ Flow	Present?	☐ Yes	₽'No		Estimated (f	t³/sec):		
	uatic Veg	J. 2. 2. 2.	(note amou	all that apply.)				% Mud/Clay	% Bedrock
	Odor:		Sewage		□ CI	nemical	☐ None	☑ Other: Ho	~ Wawuer.
	Color:		Clear	E Green	☐ G ₁	ay	☐ Milky	☐ Other:	
	Bottom De	posit:	Sludge	☐ Solids	IJ fi	ne sediments	☐ None	☐ Other:	
	Surface De	posit: 🔲	Oil	☐ Scum	□ Fo	am	⊠None	☐ Other:	
*Ti con dec	his information mprehensive dision on the	on is not to understanding recreation using the signed, he	be used soling of water se analysis	ely for removal or r conditions. Con- but may point to	f a recreations a recreation from the conditions	onal use desig this information that need furting nowledge,	nation but rathe on is not intende her analysis or t	erviews) to this for is to provide a more de to directly influence that effect another use mation reported	e ce a e.
Or	ganization	: DUR	- wpp			Positio	on: <u>57</u> ~	FEIZOIOZE	





Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#: 00	38-002		Site Location Des	cription:				
Site GPS Coordinates: 3	7.18220 -40.7	d8736	HWY P BR					
Date & Time: هرای ا	>5 0955		Facility Name:					
Personnel:		7	Permit Number:					
Current Weather Condition	ons: Cloudy		Weather Conditio	ns for Past 7 days:	w/ DM T- Showers			
Photo Ids: Upstream:		stream: 、	- co40 Other:					
Uses Observed*:								
☐ Swimming	☐ Skin diving	□ sct	ЉA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking	☐ Boa	ting	☐ Wading	☐ Rafting			
☐ Hunting	☐ Trapping	☐ Fish	ing	☑ None of the above	☐ Other:			
Describe: (include numbe	r of individuals recre	ating, freque	ency of use, photo-d	ocumentation of evidence of	of recreational uses, etc.)			
WENE SULL O	HERE BULLEONES NOTE: CAR REED WOL							
Surrounding Condition items of interest.)	S*: (Mark all that pro	omote or im	pede recreational us	es. Attach photos of eviden	ce or unusual			
☐ City/county parks	☐ Playgrounds	MDC cor	nservation lands	☐ Urban areas	☐ Campgrounds			
☐ Boating accesses	☐ State parks	☐ National	forests	☐ Nature trails	☐ Stairs/walkway			
☑ No trespass sign	☐ Fence	☐ Steep slop	pes	YOther: Rural - Bo	How/Cropland			
Evidence of Human Use	e*:							
☑ Roads	☐ Foot paths/print	s 🗆 D	ock/platform	☐ Livestock Watering	☐ RV / ATV Tracks			
☐ Rope swings	☐ Camping Sites	□F	ire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle			
Y Other: Dzzcz-dzd	washing u	uachzwz	•					

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

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	Width (ft):	Sicai Dii	mensions: Length (ft):		Assa Daniel	(G).	Mar D. d. (2)	
					Avg. Depth		Max. Depth (ft):	
	Width (ft):		Length (ft):		Avg. Depth		Max. Depth (ft):	
	Width (ft):	15'	Length (ft):	300 44	Avg. Depth	1.5	Max. Depth (ft):	3.0
Flow	Present?	☐ Yes	⊠′No		Estimated (fi	t³/sec):		
Downstrea	ım View	Physical	Dimensions:					
☐ Riffle	Width (ft):		Length (ft):		Avg. Depth	(ft):	Max. Depth (ft):	**************************************
☐ Run	Width (ft):		Length (ft):		Avg. Depth	(ft):	Max. Depth (ft):	
☑ Pool	Width (ft):	90°	Length (ft):	300+4	Avg. Depth	(ft):	Max. Depth (ft):	a.oʻ
☑ Flow	Present?	☐ Yes	E'No		Estimated (f			
Aquatic Vege Aq	acteristics	No 3 Royr 36	ant of vegetation	x5°0850		% Silt ssment site)	% Mud/Clay	% Bedrock
Color:	<u> </u>	Clear	☐ Green	□G	ray	☐ Milky	☐ Other:	
Bottom Dep	oosit:	Sludge	☐ Solids	⊡∕Fi	ne sediments	□ None	Other: ALC	34.
Surface Dep	oosit: 🔲	Oil	□ Scum	□ F	oam	□ None	Tother: ALGO	
*This informatio comprehensive u decision on the r	on is not to to understanding ecreation us	ne used solo ng of water se analysis reby affi	ely for removal c conditions. Cor but may point to	of a recreating a	onal use design this information that need furth nowledge, t	nation but rather on is not intende her analysis or the hat all inform	rviews) to this form is to provide a more d to directly influence nat effect another use. mation reported	e a
Signed:					Date:_	0198102		
Organization:	~ _	~^				6018619	Brologz34	

0028_02_US





Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

	Missouri WBID#:	E00-84		Site Location Description:						
	Site GPS Coordinates: 30	ART FISCO OS OSSIFTAH								
	Date & Time: 6/28/0		Facility Name:							
	Personnel:	Permit Nun	nber:							
[Current Weather Condition	ons: PC		Weather Co	onditio	ns for Past 7 days: Cleur	e w/ Pur T- Shower			
	Photo Ids: Upstream: 10	Dow	nstream:		Other:					
Hac	es Observed*:									
	☐ Swimming	☐ Skin diving	□ sc	UBA diving		☐ Tubing	☐ Water skiing			
ļ	☐ Wind surfing	☐ Kayaking	☐ Boa			☐ Wading	☐ Rafting			
-	☐ Hunting	☐ Trapping	☐ Fisl			☐ None of the above	☐ Other:			
					hoto-d	ocumentation of evidence				
	urrounding Conditions*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual									
iten	ns of interest.) City/county parks	☐ Playgrounds	□ MDC co	onservation la	nds	☐ Urban areas	☐ Campgrounds			
	☐ Boating accesses	☐ State parks	☐ National			☐ Nature trails	☐ Stairs/walkway			
ľ	☑ No trespass sign	☐ Fence	☐ Steep slo	***************************************		SOther: Rural - FI	<u> </u>			
IC		_+_		-6						
EV.	idence of Human Use	T in the second	[Dock/platform		☐ Livestock Watering	□ RV / ATV Tracks			
	☐ Rope swings	☐ Foot paths/prin☐ Camping Sites		Fire pit/ring	1	☐ NPDES Discharge	☐ Fishing Tackle			
	☐ Other:	L Camping Sites	, ப 1	Te hining		LA TAI DES DISCIMIGE	I tolining I dente			
i	Li Otter:									

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

September 29, 2004

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Page Two - Data Sheet B for WBID # OCAR-OO3:

Stream Morpho Upstream Vi	ology: ew Physical Din	nensions:				
	dth (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth	(ft):
□ Run Wi	n Width (ft): Length (ft):		Avg. Depth	Avg. Depth (ft):		(ft):
☑ Pool Wi	dth (ft): aぢ	Length (ft): 300	Avg. Depth	(ft): > 3 A	' Max. Depth	(ft): > 3.0
Flow Pre	esent? Tyes	□ No .	Estimated (fi	3,	5 CPs	
Downstream	View Physical	Dimensions:				
	dth (ft):	Length (ft):	Avg. Depth ((ft):	Max. Depth	(ft):
□ Run Wi	dth (ft):	Length (ft):	Avg. Depth	(ft):	Max. Depth	(ft):
Pool Wi	dth (ft): 30'	Length (ft): 300	Avg. Depth	(ft): > 3.	Max. Depth	(ft): > 3.0'
☑ Flow Pre	esent? Yes	□ No	Estimated (fi	3,	50-45	7 3.0
Aquatic Vegetar Water Characte Odor:	Son Hockey	Car Colu	gal growth at the asse	ssment site	Other:	
Color:	□ Clear	Green	☐ Gray	☐ Milky	☐ Other:	
Bottom Deposit	t: 🗌 Sludge		Fine sediments	☐ None	☐ Other:	
Surface Deposi	t: 🗆 Oil	Scum avene	☐ Foam	☐ None	☐ Other:	
*This information is comprehensive under decision on the recreation. I, the undersign datasheet is true Signed:	e not to be used sole erstanding of water eation use analysis be ed, hereby affine e and accurate.	ely for removal of a reconditions. Consequent may point to conduct to the best of	ecreational use designently, this information ditions that need furth my knowledge, t	nation but rain is not interest analysis hat all in		ore ence a use.
Organization: <u> </u>	DNR - WPP		Position	n: <u>57m</u>	Biologist	

